

NOVAKOVSKIY, V.M.; POLUBOYARTSEVA, L.A.

Interaction between metals and oxidizers in electrolytes.

[Trudy] UNIKHIM no.9:37-51 '61.

(MIRA 15:12)

(Oxidation, Electrolytic)

(Passivation)

NOVAKOVSKIY, V.M.; GABOV, V.M.

Hydrogen overvoltage in presence of oxidizers. [Trudy]
UNIKHIM no.9:52-58 '61. (MIRA 15:12)
(Oxidation, Electrolytic)
(Hydrogen ion concentration)

NOVAKOVSKIY, V.M.; UKSHE, N.S.

Effect of chromium anhydride on steel corrosion in fused
sodium bisulfate. [Trudy] UNIKHIM no.9:59-70 '61. (MIRA 15:12)
(Steel—Corrosion)
(Chromium oxide)

NOVAKOVSKIY, V.M.; FISHMAN, S.N.

Theoretical comparison of the parameters of diffusion
processes in tubes and on disks. [Trudy] UNIKHIM no.9:71-92
'61. (MIRA 15:12)

(Chemical apparatus—Corrosion)
(Fluid dynamics)

POLUBOYARTSEVA, L.A.; NOVAKOVSKIY, V.M.

Corrosion of low-carbon steel in concentrated sulfuric acid.
[Trudy] UNIKHIM no.9:93-100 '61. (MJRA 15:12)
(Steel—Corrosion)
(Disks, Rotating—Corrosion)

NOVAKOVSKIY, V.M.; LAPSHINA, E.F.; BLOKH, M.Sh.

Effect of composition and structure of iron-carbon alloys
on corrosion in concentrated sulfuric action in conditions
of flow. [Trudy] UNIKHIM no.9:101-113 '61. (MIRA 15:12)
(Pipe, Cast iron—Corrosion)

NOVAKOVSKIY, V.M.; LAPSHINA, E.F.; POLUBOYARTSEVA, L.A.

Cathodic protection of copper in acid solutions. [Trudy]
UNIKHIM no.9:122-130 '61. (MIRA 15:12)
(Copper—Corrosion) (Cathodic protection)

NOVAKOVSKIY, V.M.; LAPSHINA, E.F.

Protection of Kh18N9T steel against pitting overpassivation
in acid chromate solutions. [Trudy] UNIKHIM no.9:131-135
'61. (MIRA 15:12)

(Steel, Stainless—Corrosion)

SHUBIN, A.S.; NOVAKOVSKIY, V.M.

Properties and application of ionite diaphragms. [Trudy]
UNIKHIM no.9:136-163 '61. (MIRA 15:12)
(Electrolysis--Equipment and supplies)
(Water--Electrolysis)

SHUBIN, A.S.; SMIRNOVA, L.M.; NOVAKOVSKIY, V.M.

Electro-ionite method of purifying waste waters from plants
manufacturing chromium compounds. [Trudy] UNIKHIM
no.9:164-180 '61. (MIRA 15:12)
(Water--Electrolysis)

SHUBIN, A.S.; TKACH, V.M.; NOVAKOVSKIY, V.M.

Use of ion-exchange materials for the removal of hexavalent
chromium compounds from waste waters. Zhur.VKHO 7 no.1:113-114
'62. (MIRA 15:3)

1. Ural'skiy nauchno-issledovatel'skiy khimicheskiy institut.
(Sewage--Purification) (Chromium compounds)

POLUBOYARTSEVA, L.A.; ANISIMOVA, L.M.; BLOKH, M.Sh.; NOVAKOVSKIY, V.M.

Corrosion behavior of carbon steel in nitroic acids. Khim.
prom. no.10:782-785 O 1964. (MIRA 1964)

NOVAKOVSKIY, V. M.; SOROKINA, A.

"The model investigation of stainless steel pitting in chloride solution."

report presented at 14th Mtg, Int. Comm of Electrochemical Thermodynamics & Kinetics, London & Cambridge, UK, 21-26 Sep 1978.

Karlov Physico-Chemical Inst, Moscow.

NOVAKOVSKIY, V. M.; LIKHACHEV, Y.

"An application of rate-electrochemical method to the investigation of passivity."

report presented at 1. to May, Int. sym. of Electrochemical Thermodynamics & Kinetics, London & Cambridge, UK, 1970. Sep. 1970.

Karpev Physico-Chemical Inst, Moscow.

I 17904-63 EWP(a)/EWI(L)/BDS AFFTC JD/WB
 ACCESSION NR: AP3003768 8/0080/63/036/006/1264/1273

AUTHORS: Poluboyartseva, L. A.; Zarubin, P. I.; Novakovskiy, V. M. 55

TITLE: Parallel analysis of the corrosion rate of pipes and rotating discs under conditions of diffusion control 16

SOURCE: Zhurnal prikladnoy khimii, v. 36, no. 6, 1963, 1264-1273

TOPIC TAGS: corrosion rate, diffusion control, NaOH, Pb, H sub 2 SO sub 4, Prandtl number

ABSTRACT: Empirical equations were revealed, based on experimental data, connecting the corrosion rate of discs and tubes with the traveling speed (i) for Cu in a solution of 1.95 g/l Fe^{+3} + 0.1 N HCl at 30F; (ii) for Pb in a solution of 2N NaOH + 0.1 N $NaNO_3$ at 40F; (iii) for steel 10 in concentrated H_2SO_4 at 60F. The empirical equations for converting the rotation rate of the sample disc to an equivalent (in respect to diffusion) linear rate of liquid flow in a tube were investigated; conformity was shown between the empirical equations obtained and a theoretical equation developed earlier. To take advantage of that equation for converting disc rotation rate to equivalent linear rate of an aggressive liquid in a pipeline, one must know the kinematic viscosity of a given medium and the co-

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L 17904-63

ACCESSION NR: AP3003768

efficient of diffusion of the substance, and the rates of supply and removal
which determine the rate of the process. Orig. art. has: 2 tab., 16 equa., 11 fig. ①

ASSOCIATION: none

SUBMITTED: 27Jul62

DATE ACQ: 07Aug63

ENCL: 00

SUB CODE: ML, MA

NO REF SOV: 010

OTHER: 002

Card 2/2

~~NOVAKOVSEK, V.M.~~

"On Thermodynamic and Kinetic Causes of Passivity."

Report presented at the 14th meeting CITCE, Intl. Comm. of Electrochemical
Thermodynamics and Kinetics, Moscow, 19-25 Aug 63.

Karpov Physico-Chemical Institute, Moscow, U.S.S.R.

NOVAKOVSKIY, V.M.; TILIMOV, Yu.A.

New data on the passivity mechanism. Zashch. met. i kor. 1:113-19, 1965.
(MIRA 1965)

1. Nauchno-issledovatel'skiy tsinko-khimicheskiy institut im. N. Karpova, Moscow.

NOVAKOVSKIY, V.M.

Laboratory modeling of the internal corrosion of pipelines.
Zashch. met. 1 no.2:224-229 Apr 1985.

(MIRA 18:6

1. Nauchno-issledovatel'skiy fiziko-khimicheskiy institut imeni
Karpova, Moskva.

~~L 21002-66~~ ENT(m)/ENT(t) IJP(e) JD/WB
ACCESSION NR: AF5014135

UR/0365/65/001/003/0297/0303

620.194

620.199

12
10
B

AUTHOR: Zarubin, P. I.; Poluboyartseva, L. A.; Novakovskiy, V. M.

TITLE: Investigation of metal corrosion in heat transfer conditions

SOURCE: Zashchita metallov, v. 1, no. 3, 1965, 297-303

TOPIC TAGS: corrosion, corrosion rate, thermodynamic equilibrium, heat transfer

ABSTRACT: It is shown that rotating disc electrodes may be used for simulating the diffusion-dependent corrosion processes which take place in a circular tube during the flow of an aggressive liquid both in conditions of thermal equilibrium and when the liquid is being heated or cooled through the wall. Experimental data indicate that if the wall temperature and the solution temperature are exactly reproduced in the model, then the velocity of the disc which is equivalent to the predetermined linear velocity of the liquid flow may be determined with satisfactory accuracy from Novakovskiy's equation for thermally balanced systems (V. M. Novakovskiy, S. N. Fishman, "Work in the Field of Electrochemistry and Corrosion", Tr. Ural'sk. n.-t.

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L 21002-66

ACCESSION NR: AP5014135

2
khim. in-ta, Goshkhimizdat, 1961, p 71). The methods developed in this paper are used to show that there may be a considerable difference in the effect which the velocity of the liquid flow has on the rate of diffusion-dependent corrosion with respect to thermal equilibrium and heat transfer conditions. Orig. art. has: 4 figures, 5 formulas.

ASSOCIATION: Ural'skiy nauchno-issledovatel'skiy khimicheskiy institut (Ural Scientific Research Institute of Chemistry); Nauchno-issledovatel'skiy fiziko-khimicheskiy institut im. L. Ya. Karpova (Physicochemical Scientific Research Institute)

SUBMITTED: 02Feb65

ENCL: 00

SUB CODE: TD, MM

NO REF SOV: 010

OTHER: 004

Card 2/2

BK

L 04776-67 EWT(m)/EWP(w)/EWP(c)/F11/ 11PC() D.WB

ACC NR: AP6025715 (A) SOURCE CODE: UR/0365/66/002/004/0416/0424

AUTHOR: Novakovskiy, V. M.; Sorokina, A. N.

ORG: Scientific Research Physicochemical Institute im. L. Ya. Karpov
(Nauchno-issledovatel'skiy fiziko-khimicheskiy institut)

TITLE: Comparative electrochemistry of stress corrosion cracking and
pitting of stainless steel in chloride solutions

SOURCE: Zashchita metallov, v. 2, no. 4, 1966, 416-424

TOPIC TAGS: electrochemistry, stainless steel, steel property,
corrosion rate, corrosion resistance, solution kinetics, chloride

ABSTRACT: A systematic comparative study of the electrochemistry of corrosion cracking and pitting was made to help determine the relationship between the process of cracking and certain metallophysical factors. Studies were made on Kh18N9T steel in concentrated boiling $MgCl_2$ solutions at atmospheric pressure and in dilute chloride solutions heated in an autoclave to 230° . The lowest potential at which normal pitting occurred is more positive than the standard potentials for forming the chlorides of any of the component metals of the steel and more positive than its passivation potential. It is believed that activity and passivity are determined by kinetic competition in the

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UDC: 620.193.01

L 04776-67

ACC NR: AP6025715

course of fitting chlorine and oxygen on the parts of the metal where the passivating film has been damaged. A high chloride concentration is not necessary for initial activation, but once solution has started, the anion concentration increases at the site. The increased anion concentration on the metal surface is then not the cause, but the result of the start of active solution. It is however a factor in localizing the solution process since repassivation of the metal by reaction with hydroxyls is obstructed. The current density of solution on a freshly cleaned surface of stainless steel is 7-10 amp/cm². Increasing the positive potential decreases the positive charge in the pre-electrode layer and promotes solution. The electrochemical processes in activation and solution of the metal in pitting and corrosion cracking are identical. Rate of solution is not limited by electrochemical reactions but by the diffusion-resistance phases of the electrochemical processes. Hence cracks on the active surface of the metal do not increase in depth linearly, but more slowly, and in contrast to pitting, the initial rate of electrochemical development is almost maintained in an increasingly deep corroded crack. Increasing the Ni content should reduce cracking by affecting the dislocation structure of steel and because Ni is not passivated in concentrated chloride solutions, and would consequently delocalize active solution. High Ni steels should be examined in dilute chloride solutions in which Ni is passivated. Orig. art. has: 4 figures and 2 equations.

SUB CODE: 1,07,20/ SUBM DATE: 24Mar66/ ORIG REF: 005/ OTH REF: 006
Card 2/2

KISELEV, I.I.; BORISOV, N.I.; YASINOVSKIY, B.S., inzh.; SANNIKOV, Yu.K., inzh.; SOKOLOV, V.A., inzh.; LEVCHENKO, L.D., inzh.; HALOYEV, G.A., inzh.; CHICHAKOV, K.K., inzh.; BARYKIN, V.I., inzh.; FREYDLIN, A.Ya., inzh. GULIYAYEV, A.I., inzh.; STIGNEYEV, Ya.F., inzh.; SHAGANOVA, K.N., inzh.; KHELIMSKIY, I.Ye., inzh.; AYROV, A.N., inzh.; DEMIDOVA, M.I., inzh.; NIKIFOROVA, Ye.D., inzh.; KLIBANOVA, F.I., inzh.; CHIVKUNOV, K.I., inzh.; STOROZHKO, I.G., inzh.; ~~NOVAKOVSKIY, Ye.Ye., inzh.~~; GOYKHUTUL', A.O., inzh.; TARASOV, A.M., inzh.; SHISHKO, A.P., inzh.; UVAROV, P.T., ekonomist; DRAGUNOV, M.V., ekonomist; KARANDASHOV, A.A., ekonomist; KONKIN, M.V., ekonomist; GOREV, M.S., ekonomist. Pri- nimali uchastiye: LAPIN, T.I.; RAMENSKIY, Yu.A.; KADINSKIY, B.A.; SOKOLOV, S.D.; STOROZHKO, I.G.; FOMINYKH, A.I.. POLYAKOVA, N., red.; SMIRNOV, G., tekhn.red.

[Organization and improvement of production; practices of the Gorkiy Automobile Plant] Organizatsiya i sovershenstvovanie proizvodstva; opyt Gor'kovskogo avtozavoda. Moskva, Gos. izd-vo polit. lit-ry, 1958. 332 p. (MIRA 12:2)

1. Direktor Gor'kovskogo avtomobil'nogo zavoda (for Kiselev).
2. Glavnyy inzhener Gor'kovskogo avtomobil'nogo zavoda (for Borisov).
3. Gor'kovskiy avtomobil'nyy zavod (for all except Kiselev, Borisov, Polyakova, Smirnov).

(Gorkiy--Automobile industry)

ACC NR: AP6035810

(A)

SOURCE CODE: UR/0422/66/000/010/0009/0012

AUTHOR: Novakovskiy, Ye. Ya. (Deputy chief designer of automation and machine building section)

ORG: none

TITLE: Statistical methods of analysis, regulation, and quality control

SOURCE: Standarty i kachestvo, no. 10, 1966, 9-12

TOPIC TAGS: control statistics, quality control, automatic machine, statistical analysis, error statistics

ABSTRACT: The long-term experience of the Gorky Automobile Works (Gor'kiy avtomobil) in the combined use of statistical methods for the analysis of technological processes is briefly discussed. Over 20 000 batches of different parts have been subjected to statistical acceptance control with a parallel 100% check of all parts in the groups. At the present time, over 5000 operations are transferred to statistical methods of regulation and quality control. The productivity of the equipment has been increased by 15-20%, and the reject factor for light automatic machines has been reduced by a factor of 8. The statistical methods that have been introduced have shown considerable effectiveness. It is suggested that a special system should be introduced to stimulate the use of statistical methods. Orig. art. has: 2 graphs.

SUB CODE: 12, 13/ SUBM DATE: none

Card 1/1

NOVAKU, V. [Novacu, Valer', prof.; OSTIANU, N.M. [translator]; ROZMAN, R.,
red.; BURTSEV, A.K., red.; GRUSHIN, A.V., tekhn. red.

[Introduction to electrodynamics] Vvedenie v elektrodinamiku.
Moskva, Izd-vo inostr. lit-ry, 1963. 303 p. (MIRA 17:1)

1. Chlen-korrespondent AN Rumynskoy SSR (for Novaku).

NOVALIKHIN, G., inzh.

Mechanization without metal. Nanka i pered. op v sel'khoz. 9
no.6:60-63 Je '59. (MIRA 12:9)

1. Bryanskoye oblastnoye upravleniye sel'skogo khozyaystva.
(Farm mechanization) (Stock and stockbreeding)

VOGINOV, S. [Vohynov, S.], inzh.; LOPUKHIN, M., inzh.; NOVALIKHIN, O.
[Novalykhin, H.], inzh.

Installing water-supply systems on farms without using metal
pipes. Sil'.bud. 9 no.10:10-14 0 '59. (MIRA 13:3)

1. Upravleniye stroitel'stva Bryanskogo oblastnogo upravleniya
sel'skogo khozyaystva RSFSR.
(Bryansk Province--Water supply, Rural)

NOVALIKHIN, G., inzh.

Automatic pipeless stock waterer. Sel'. stroi. 13 no. 4:22 Ap '59.
(MIRA 12:6)

(Cattle---Watering)

NOVALIKHIN, G., inzh.

Mechanized water supply on pastures. Tekh. v sel'khoz. 20 no.6:
37-38 Je '60. (MIRA 13:10)

1. Bryanskoye oblastnoye upravleniye sel'skogo khozyaystva.
(Cattle--Watering)

307170-1-16-16

(2)
AUTHORS: Belotskiy, D. P., Novak'kovskiy, N. P.

TITLE: Electric Conductivity in Aqueous Sulfate Systems

PERIODICAL: Zhurnal neorganicheskoy khimii, 1959, Vol 4, No 1,
pp 2403 - 2404 (USSR)

ABSTRACT: The electric conductivity of the systems $MnSO_4 - H_2SO_4 - H_2O$ and $MgSO_4 - H_2SO_4 - H_2O$ at a total concentration of sulfate and acid of 0.2 mole/l and at 20, 40, and 60° was investigated. The electric conductivity of both of these systems is graphed in figures 1 and 2, its deviation from the additivity in figures 3 and 4. The experimentally obtained conductivity lies below that theoretically calculated. The maxima of the deviations from the additivity correspond with an equimolar ratio between salt and acid and increase with increasing temperature. These results confirm the conception of Ya. A. Fridlev and Z. A. Shoka (Ref 5) that in these systems the number of charged particles is changed by complex formation. I. I. Mironov and R. M. Frid (Ref 6) state that in polybasic acids the reaction

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Electric Conductivity in Aqueous Sulfate Systems

SOV 100-110-36/10

equilibrium can be shifted by the formation of ion pairs.
There are 4 figures and 6 Soviet references.

ASSOCIATION: Chernovitskiy gosudarstvennyy universitet (Chernovitsky State University)

SUBMITTED: July 10, 1958

Card 2/2

BELOTSKIY, D.P.; NOVAL'KOVSKIY, N.P.; MIDONOVA, N.N.

Study of the interaction of sulfuric acid and glycerol in aqueous solution by methods of physicochemical analysis. Izv.vys.ucheb. zav.; khim.i khim.tekh. 4 no.6:1035-1037 '61. (MIRA 15:3)

1. Chernovitskiy gosudarstvennyy universitet, kafedra neorganicheskoy khimii.

(Sulfuric acid) (Glycerol)

PAMFILOV, A.V.; MAZURKEVICH, Ya.S.; NOVALIKOVSKIY, N.F.

Relation between the photocatalytic activity of zinc oxide
and titanium dioxide and the breakdown of film containing
these pigments. *Lakokras.mat.i ikh prim. no.1:23-26 '63.*
(MIRA 16:2)

(Pigments)
(Photochemistry)

L 10386-65 ENT(m)/ENP(b) IJP(c) JD/MLK

ACCESSION NR: AT4046213

S/0000/63/000/000/0028/0031

AUTHOR: Belotskiy, D. P.; Novak'kovskiy, N. P.; Panchuk, E. I. B

TITLE: Physicochemical analysis of the ZnSb-CdSb system

SOURCE: Yubileynaya konferentsiya po fiziko-khimicheskomu analizu. Novosibirsk, 1960. Fiziko-khimicheskii analiz (physicochemical analysis); trudy* konferentsii. Novosibirsk, Izd-vo Sib. otd. AN SSSR, 1963, 28-31

TOPIC TAGS: zinc antimonide, cadmium antimonide, antimonide solid solution, antimonide conductivity, thermoelectromotive force, zinc alloy, cadmium alloy, antimony alloy

ABSTRACT: The phase diagram of the ZnSb-CdSb system was investigated under both equilibrium and non-equilibrium conditions by measurement of the electrical conductivity. In agreement with data in the literature, the results showed the presence of a continuous series of solid solutions in equilibrated alloys and the presence of eutectics following insufficient annealing. It was also shown that the electroconductivity increases with increasing temperature (20-150C) with a sharp maximum on the conductivity isotherms at a ZnSb to CdSb ratio of 1:1. The thermoelectromotive force also increases sharply when the ratio is close to 1:1.

Orig. art. has: 3 figures.
Card 1/2

L 10386-65

ACCESSION NR: AT4046213

ASSOCIATION: none

SUBMITTED: 10Sep63

ENCL: 00

SUB CODE: IC, MM

NO REF SOV: 010

OTHER: 003

Card 2/2

ACCESSION NR: AR4020695

S/0275/64/000/001/B006/B006

SOURCE: RZh. Elektronika i yeye primeneniye, Abs. 1B32

AUTHORS: Belotskiy, D. P.; Noval'kovskiy, N. P.; Panchuk, I. E.

TITLE: Semiconductor alloys in the Zn-Cd-Sb system

CITED SOURCE: Nauchn. yezhegodnik za 1959 g. Cherny'shevskiy un-t. Khim. fak. Chernovtsy*, 1960, 627-629

TOPIC TAGS: semiconductors, semiconductor alloys, zinc cadmium antimony semiconductor, electric conductivity, thermal emf, impurity effect, equilibrium conditions, nonequilibrium conditions

TRANSLATION: The Zn-Cd-Sb diagram of state was investigated under equilibrium and non-equilibrium conditions, as was the electric conductivity and thermal emf of the pseudo-binary section ZnSb--CdSb. Under non-equilibrium conditions a eutectic composition was observed.

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ACCESSION NR: AR4020695

similar to that of the central part of the diagram and degenerating after longer annealing (on the order of six days). At a composition ratio close to 1:1, the conductivity of the equilibrium alloys reaches a maximum while the thermal emf reaches a minimum, this being a characteristic attribute of semiconductor solid solutions. A study of the effect of impurities on the variation of the properties of the ternary alloy CdZnSb_2 has shown that the elements of the fourth period of the periodic table (Cu, Se) increases the conductivity to a maximum degree when the impurity content is 1--2%, whereas elements of the fifth period (Ag, Te) sharply increase the conductivity even at a concentration on the order of 0.1%. The influence of the impurity is determined by the electron shell structure of the introduced impurity. Bibliography, 7 titles. N. Sh.

DATE ACQ: 03Mar64

SUB CODE: PH, GE

ENCL: 00

Card 2/2

IVANCHEVA, Ye.G.; NOVAL'KOVSKIY, N.P.; PAMFILOV, A.V.

Degradation of melamine-formaldehyde resins. Ukr. khim. zhur. 30
no. 6: 571-575, 1964. (MIRA 18:5)

1. chernovitskiy gosudarstvennyy universitet.

L 42403-65 ENG(j)/EWT(m)/EPF(c)/EPR/ENP(t)/ENP(b) Pr-4/Ps-4 IJP(c) JD
S/0073/65/031/003/0252/0257

ACCESSION NR: AP5008858

AUTHOR: Mazurkevich, Ya. S.; Noval'kovskiy, N.P.; Pamfilov, A.V.; Savitskiy, A.V.

TITLE: Magnetic susceptibility and photocatalytic activity of zinc oxide and titanium oxide

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 31, no. 3, 1965, 252-257

TOPIC TAGS: ²⁷zinc oxide, ²⁷titanium oxide, magnetic susceptibility, photocatalytic activity

ABSTRACT: The study was made in order to determine the relationship between the magnetic susceptibility of zinc oxide and titanium oxide and their photocatalytic activity. The magnetic susceptibility measurements involved the use of automatic weighing and magnetic field stabilization (a diagram of the device used is given). The variation in the specific magnetic susceptibility of ZnO as a function of temperature and of preliminary thermal treatment in hydrogen was determined, and the influence of reduction on the specific magnetic susceptibility of TiO₂ was established.

It was found that some of the compounds have
their paramagnetism there exists a relationship which connects

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ACCESSION NR: AP5008858

centers of the photocatalytic processes in these compounds are the Zn^{+} and Ti^{3+} ions.
"We express our appreciation to K.D. Tovstyuk for enabling us to carry out certain
measurements." Orig. art. has: 5 figures, 1 formula and 1 table.

ASSOCIATION: Chernovitskiy gosudarstvennyy universitet (Chernovtsy State University)

SUBMITTED: 06Jul63

ENCL: 00

SUB CODE: IC, EM

NO REF SOV: 007

OTHER: 011

NOVALOVSKIY, Ye.N.

NOVALOVSKIM, Ye.N.

Unusual cirripedia remains from the Middle Devonian found in southern Siberia. Dokl. AN SSSR 100 no.6:1161-1162 F '55.

(MIRA 8:6)

1. Paleontologicheskiy institut Akademii nauk SSSR. Predstavleno akademikom Ye. N. Pavlovskim.

(Siberia, Southern--Cirripedia, Fossil)

MIKULA, Oldrich; VESELY, Vaclav; NOVANSKY, Jozef

Examination of urea decomposition under urea dewaxing conditions. Pt.2. Ropa a uhlie 5 no.8:230-234 Ag'63

1. Katedra chemie a technologie ropy a Katedra procesov a zariadeni chemickej technologie pri Slovenskej vysokej skole technickej, Bratislava.

NOVAR, A.

PROJECT LOG

PERIODICAL: ACTA TECHNICA M. L, no. 2, 1977

Novar, A. A simplified solution of three-dimensional framework.
In German. p. 117.

Monthly List of East European Accessions (EEA), LC, Vol. 1, no. 5,
Mar 1966, Unclass.

NOVAK, A.

Critical studies of injuries due to electricity and possibilities
of eliminating them. p.162

ENERGETIKA. (Ministerstvo energetiky a Ceskoslovenska vedocka technicka spolecnost
pro energetiku pri Ceskoslovenske akademii ved) Praha, Czechoslovakia.
Vol.5, no.4, Apr.1955

Monthly List of East European Accessions (MEAL) LC, Vol.7, no.11,
Nov.1959
Uncl.

BOGUSEVICIUTE, A.; LUKAITIENE, M.; NOVASAITIS, M.; SKEIVIENE, O.;
VENGELIAUSKAITE, A.; SESELGIENE, T., architekt; ZUKLYS, L.,
kand. biol. nauk; KARPAVICIUTE, M., red.; GOTLERIS, D.,
tekh. red.

[Landscape gardening] Dekoratyvine ~~abdininkyste~~. Vilnius,
Valstybine politines ir mokslines literaturos leidykla,
1963. 406 p. (MIRA 16:5)

1. Lietuvos TSR Mokslu Akademija, Vilna. Botanikos insti-
tutas. 2. Nauchnyye sotrudniki Botanicheskogo instituta AN
Litovskoy SSR (for all except Lukaitiene, Karpaviciute,
Gotleris).

(Lithuania--Landscape gardening)

NOVASH, I.Ye.

NOVASH, I.Ye.

[Influenza and its control] Gryp i barats'ba z im. Minsk,
Dziarzhavnae vydavotstva BSSR, 1955. 23 p. (MLA 10:9)
(INFLUENZA)

COUNTRY : USSR T
CATEGORY : Human and Animal Physiology, Internal Secretion
APR. 1958 : LEBEID., No. 5 1958, No. 22256
AUTHOR : Novash, I. E.
TITLE : The Functional State of the Thyroid Gland in
Cardiovascular Diseases, as Determined by means
of Radioactive Iodine.
JOUR. : Zdravotbn, Pelenchskii, 1958, No. 8, 20--22
NOTES : NO ABSTRACT

171

NOVASH, L. K.

Viscosity of the blood in stenocardia and myocardial infarct.
Zdrav.Belor. 5 no.7:18-19 J1 '59. (MIRA 12:9)

1. Iz kufedry gosspital'noy terapii (zaveduyushchiy - prof.
G.Kh.Dovgvallo) Minskogo meditsinskogo instituta.
(ANGINA PECTORIS) (HEART--INFARCTION) (BLOOD--EXAMINATION)

NOVASH, I.Ye.

Use of radioactive iodine for treating stenocardia. Sbor.nauch.rab.
Bel.nauch.-issl.kozhno-ven.inst. 6:77-78 '59. (MIRA 13:11)
(ANGINA PECTORIS)
(IODINE_-ISOTOPES)

NOVASH, V. I.

"Transient Processes in Lines With Longitudinal Compensation and Their Influence on the Operation of Relay Protection." Cand Tech Sci, Leningrad Polytechnic Institute M. I. Kalinin, Min Higher Education USSR, Leningrad, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: SUM No. 556, 24 Jun 55

NOVASH, V.I., kandidat tekhnicheskikh nauk.

Operation of negative-sequence filters during transient
conditions in transmission lines. Sbor.nauch.rab.Bel.polit.
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(Electric filters)

NOVASH, V.I., kand.tekhn.nauk; CHERVINSKIY, L.L., inzh.

"Multicontact" magnetic relay with a choke-transformer magnetic amplifier.
Izv.vys.ucheb.zav.; energ. no.12:10-16 D '58. (MIRA 12:3)

1. Belorusskiy politekhnicheskiy institut imeni I.V.Stalina.
(Electric relays) (Magnetic amplifiers)

RUTSKIY, A.I., kand.tekhn.nauk, zaslužennyy deyatel' nauki i tekhniki BSSE;
ZAGOROVSKIY, Ye.M., inzh.; SLEPYAN, YA.YU., kand.tekhn.nauk; NOVASH,
V.I., kand.tekhn.nauk; TINYAKOV, M.A., kand.tekhn.nauk; KASHTANOV, F.,
red.; STEPANOVA, M., tekhn.red.

[Electrician's handbook] Spravochnoe posobie elektromontera.
Minsk, Gos.izd-vo BSSR, Red.nauchno-tekhn.lit-ry, 1960. 360 p.
(MIRA 13:9)

(Electricity--Handbooks, manuals, etc.)

NOVASH, Vladimir Ivanovich; KASHTANOV, F., red.; YERMOLENKO, V.,
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Upravlenie, signalizatsiya i zashchita elektricheskikh ustanovok. Minsk, Gos.izd-vo BSSR. Red. proizvodstvennoi litery, 1961. 198 p. (MIRA 15:8)
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(Electric protection) (Electric relays)

RUTSKIY, A.I., kand. tekhn. nauk, zasl. deyatel' nauki i tekhniki BSSR; ZAGOROVSKIY, Ye.N., inzh.; SLEPYAN, Ya.Yu., kand. tekhn. nauk; ~~MOVASH, V.I., kand. tekhn. nauk~~; TIMYAKOV, N.A., kand. tekhn. nauk; POL'SKIY, S., red.; KALECHITS, G., tekhn. red.; DOMOVSKAYA, G., tekhn. red.

[Electrician's manual] Spravochnoe posobie elektromontera. 2., perer. izd. Pod red. A.I. Rutskogo. Minsk, Gos. izd-vo BSSR. Red. nauchno-tekhn. lit-ry, 1961. 377 p.

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KRASNOVSKIY, A.Z., red.; MATYUSH, A.N., red.; NOVASH, V.I.,
red.; PEKELIS, G.B., red.; MATSEVICH, V.O., red.; DOLGIV,
V.Ya., red.

[Electric power plants and networks; exchange of technical
and work experience] Elektrostantsii i seti; obmen proizvod-
stvenno-tekhnicheskim opytom. Minsk, 1962. 87 p.

(MIRA 17:6)

1. Nauchno-tekhnicheskoye obshchestvo energeticheskoy pro-
myshlennosti. Belorusskoye respublikanskoye otdeleniye.

NOVASH, V.I., kand.tekhn.nauk, dotsent; KAVTSEVICH, Ye.N., inzh.;
KAKHANOVICH, V.S., inzh.; KRAS'KO, A.S., inzh.; CHERVINSKIY,
L.L., inzh.

Conditions for the establishment of synchronous operation in
sections of an electric power system in the presence of non-
synchronous automatic reclosing. Izv. vys. ucheb. zav.; energ.
5 no.2:5-11 F '62. (MIRA 15:3)

1. Belorusskiy politekhnicheskiy institut. Predstavlena kafedroy
elektricheskikh stantsiy.
(Electric power distribution)

NOVASH, V.I., kand. tekhn. nauk, dotsent

Automatic current regulator with a measuring element using ballast resistors. Izv. vys. ucheb. zav.; energ. 5 no.6:16-23 Je '62.
(MIRA 15:6)

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(Voltage regulators) (Glass furnaces...Electric equipment)

NOVASH, V.I., kand.tekhn.nauk, dotsent

Consideration of an asynchronous moment in the evaluation of
resynchronization conditions following nonsynchronous automatic
reclosing. Izv. v/s. ucheb. zav.; energ. 6 no.5:112-115 My
'63. (MIRA 16:7)

1. Belorusskiy politekhnicheskiy institut. Predstavlena kafedroy
elektricheskikh stantsiy Belorusskogo politekhnicheskogo instituta.
(Electric power distribution)

NOVASH, V.I., kand.tekhn.nauk, dotsent; KAVTSEVICH, Ye.N., inzh.;
RECHIN, Sh.Sh.

Study of the nonsynchronous modes of operation of an electric power
system with nonsynchronous automatic reclosing of electric power
transmission lines. Izv. vys. ucheb. zav.; energ. 6 no.10:
8-15 0 '63. (MIRA 16:12)

1. Belorusskiy politekhnicheskiy institut. Predstavlena kafedroy
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KAL'KO, R.A., inzh.; NOVASH, V.I., kand. tekhn. nauk, dotsent

Study of resynchronization conditions in sections of an electric power system using the "Minsk" digital computer. Izv. vys. ucheb. zav.; energ. 7 no.2:90-95 F '64.

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1. Belorusskiy politekhnicheskiy institut. Predstavlena kafedroy elektricheskikh stantsiy.

NOVASH, V.I., kand. tekhn. nauk, dotsent; RUMYANTSEV, Yu.G., inzh.

Consideration of air gaps in joints in the calculation of the
parameters of fused magnetic circuits. Izv.vys. ucheb. zav.
energ. 7 no.7:84-88 J1 '64 (MIRA 17:8)

1. Belorusskiy politekhnicheskiy institut. Predstavlena ka-
fedroy elektricheskikh stantsiy.

NOVASH, V.I., kand. tekhn. nauk, doklady na Vsesoyuznyy nauchnyy seminar, Y. I. I., 1974.

Use of induction heating with commercial frequency for the heating of rollers. Izv. vuz. fiz. 1974, 17, 114-116. D. 114.

1. Belorusskiy politekhnicheskii institut. Izvestiya nauchno-issledovatel'skikh stantsiy.

ATABEKOV, G.I.; BASHARIN, A.V.; BOGORODITSKIY, N.P.; BULGAROV, E.V.;
VASIL'YEV, D.N.; YEGIAZAROV, I.V.; YERMOVIN, N.I.; KOSHEV, V.I.;
MATKHAEV, P.N.; NOYASH, V.I.; NOBNEVSKIY, B.I.; P. TOLIN, A.I.;
RYZHOV, P.I.; SGIOV'YEV, I.I.; SLODNIKOV, G.S.; SMERYAN, B.I.;
SMUROVA, N.V.; TINYAKOV, M.A.; FATEYEV, A.V.; VEROSHIYEV, A.M.;
SHABADASH, B.I.; SHCHENDEIN, N.N.

Viktor Ivanovich Ivanov, 1900-1964; obituary. Izv. vyz. shk. zap. zav.; energ. 8 no.1:122-123 Ja '65.

1992

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ACC NR: AF6012962

SOURCE CODE: UR/0143/65/000/001/0122/0123

AUTHOR: Atabekov, G. I.; Basharin, A. V.; Bogoroditskiy, N. P.; Bulgakov, K. V.;
Vasil'yev, D. V.; Yeglarov, I. V.; Yermolin, N. P.; Kostenko, M. P.; Matkhanov,
P. N.; Novash, V. I.; Nornevoikiy, B. I.; Rutskiy, A. I.; Ryzhov, P. I.; Solov'yev,
I. I.; Solodovnikov, G. S.; Slepyan, Ya. Yu.; Smurova, N. V.; Tinyakov, N. A.;
Fateyov, A. V.; Fedoseyev, A. M.; Shabadash, B. I.; Shchedrin, N. N.

ORG: none

TITLE: Obituary for Ivanov, Viktor Ivanovich

SOURCE: Izvestiya vysshikh uchebnykh zavedeniy. Energetika, no. 1, 1965, 122-123

TOPIC TAGS: academic personnel, electronic personnel, electronics

ABSTRACT: Viktor Ivanovich Ivanov, Dr. of Tech. Sciences, professor of the
Leningrad Electrotechnical Institute Ieni V. I. Ulyanov, died 24 August
1964. He was born in 1900, was the first teacher of special relay protection
of power equipment in the USSR, outlining the principles of the new discipline
in a monograph published in 1932. In recent years, Ivanov has concentrated
in the development of the teaching of industrial electronics and pulse
technology in the Leningrad Institute. [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 1/1 *2K*

NOVASHEVSKIY, S.P. (Moskva).

Industrial excursions in chemistry. Khim.v shkole 12 no.4:55-59
Jl-Ag '57. (MLRA 10:8)
(Chemistry, technical--Study and teaching)

NOVASZKI. F. 1951

(Pharm. Inst. , U. of Szeged)

"Mechanism of Histamine Desensitization."

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NOVASZEL, F.

VARRO, V.; FAREGIN, I.; NOVASZEL, F.

Comparative study on the pepsin content of gastric juice and the quantity of uropepsin. *Magy. belorv. arch.* 4 no.3:114-117 1951. (CLML 21:1)

1. Doctors. 2. First Internal Clinic (Director--Prof. Dr. Geza Hetenyi). Szeged Medical University.

NOVASZEL, F.

Certain methods for testing the degree of activity in ulcer. Orv.
hetil. 93 no. 22:637-640 1 June 1952. (CML 23:3)

1. Doctor. 2. First Internal Clinic (Director -- Prof. Dr. Gasa
Hetenyi), Szeged Medical University.

NOVASZEL F.

FARADIN, Imre, dr; NOVASZEL, Ferenc, dr; FARAGO, Endre; VARRO, Vince, dr.

Studies on pepsin in gastric contents, in urine and in blood.
Magy belorv. arkh. 7 no.3:70-76 June 54.

1. Szegedi Orvostudományi Egyetem I. sz. Belklinika (igazgató:
Hetyeyi Géza dr.)

(PEPSINS,

in blood, gastric contents, & urine)

(BLOOD, (URINE,

pepsin pepsin)

(STOMACH,

pepsin in gastric contents)

NOVASZEL, Ferenc, dr; FAREDI, Imre; FARAGO, Endre; VARRO, Vince.

Gastric secretion and excretion of uropepsin in active and inactive phases of duodenal ulcer. *Magy belorv. arch.* 7 no.3:77-82 June 54.

1. Szegedi Orvostudományi Egyetem I. sz. Belgyógyászati Klinika-
jának kórlencnye (igazgató :prof. dr Hetenyi Géza)
(PEPTIC ULCER, metabolism in,
uropepsin secretion)
(PEPSINS,
secretion in peptic ulcer)

VABRO, Vince.; FAREKIN, Imre, NOVASEML, Ferenc.

Relation of plasma pepsinogen to function of the adrenal cortex.
Kiserletes orvostud 7 no.4:378-386 July 55.

1. Szegedi Orvostudományi Egyetem I. sz. Belklinika.

(ENZYME PRECURSORS,

pepsinogen in blood, regulation by adrenal cortex)

(BLOOD

pepsinogen in blood, regulation by adrenal cortex.)

(ADRENAL CORTEX, physiology,

regulation of blood pepsinogen)

NOVASZEL, Ferenc, dr.,; FAREDIR, Imre, dr.,; KENDE, Etelka, ; SZEITZ, Karoly, technikai segedletevel.

Data on the relationship of experimental atophan ulcer to adrenal cortical function. Magy. belorv. arch. 8 no.2:36-41 Apr 55.

1. A szegedi Orvostudományi Egyetem I. sz. Belklinikájának (Igazgató: dr. Geza egyet. tanár közleménye.

(STEROIDS, in urine,

17-keto, in exper. peptic ulcer prod. with cinchophen)

(URINE,

17-ketosteroids in exper. peptic ulcer prod. with cinchophen)

(CINCHOPHEN, effects,

exper. peptic ulcer, urinary 17-ketosteroids in)

(PEPTIC ULCER, experimental,

urinary 17-ketosteroids in cinchophen ulcer)

FARADIN, Imre; NOVASZEL, Ferenc; KENDE, Etelka technikai segedletevel.

Studies on neutral 17-ketosteroids. I. Simple 17-ketosteroid determination in human & dog urine. Kiserletes orvostud. 8 no. 4:438-441 July 56.

1. Szegedi Orvostudományi Egyetem 1. sz Belklinika.

(STEROIDS, in urine

17-keto, determ. in humans & dogs (Hun))

(URINE

17-ketosteroid determ. in humans & dogs (Hun))

NOVASZEL FERENC
FARADIN IMRE; NOVASZEL FERENC; GYORGY KENDE

Studies on neutral 17-ketosteroids. II. Study on neutral 17-ketosteroid fractions in human urine. Kiserletes orvostud. 9 no.3:225-234 July 57.

1. Etelka technika; segedletevel. Szegedi Orvostudományi Egyetem I. Belklinika.

(17-KETOSTEROIDS, in urine

neutral, determ. by modified Robinson-Gulden
chromatographic method (Hun))

1000 211 1000
FARADIN, Irma, Dr.; NOVASZEL, Ferenc, Dr.; BLAHA, Gyorgy, Dr.; KENDE, Stelka
(technical background)

Studies on neutral 17-ketosteroids. III. Neutral 17-ketosteroid
fractions in active and inactive stages of ulcerous disease. Magy.
belorv. arch. 11 no.1:20-23 Feb 58.

1. A Szegedi Orvostudományi Egyetem Belklinikájának (igazgató:
Dr. Hetenyi Géza egyetemi tanár) közleménye.

(PEPTIC ULCER, urine in
neutral 17-ketosteroid fractions, determ. in active &
inactive stages (Hun))

(17-KETOSTEROIDS, in urine
in peptic ulcer, determ. of neutral 17-ketosteroid fractions
in active & inactive stages (Hun))

NOVASZEL, Ferenc, dr.; BILICZKI, Ferenc, dr.

Myxoma of the left atrium complicated by peripheral arterial embolism and metastases. Orv. hetil. 106 no.50:2377-2379
12 D ' 65.

1. Szeged Mj. Varosi Tanacs Korhaz es Szegedi Orvostudomanyi
Egyetem, Korborctan! Intezet.

APPENDIX

MINERALTON, Marylin, Dr. DEVA-DEL. TERMS: Lf; City Council of Oregon, Hospital.
Dr. D. and Dr. (Oregon) Mrs. Thomas Edwards, II. Polonsky).

1. *Chlorophyll a* (Chl a) and *Chlorophyll b* (Chl b) are the two main types of chlorophyll found in plants.

See also: Journal of the American Medical Association, Vol. 18, No. 16, Oct. 1955, pp. 1777-2100.

Acute Toxicity [Lithuanian, 1; Russian, 1; Chinese, 1; German, 1; English, 1; French, 1; Italian, 1; Japanese, 1; Korean, 1; Polish, 1; Spanish, 1; Swedish, 1; Turkish, 1; Vietnamese, 1; Yugoslav, 1; Total, 13]. During a 10-month period, 13 cases of acute toxicity were reported for melitox poisoning. Four of them took place in the home, 9 in the field. In all instances, the fifth case involved occupational poisoning, 1 case of occupational damage. All 5 cases were farm workers who had been exposed to spraying. Three cases were mild, involved small amounts of the poison and received prompt medical attention while the other two cases, involving large amounts of the poison and delay in the medical treatment, had a lethal outcome. Attention is called to the possibility of accidental occupational poisonings in the case of widely-used agricultural chemicals and also of their abuse as suicidal methods. Treatment must be initiated by the diagnosing physician because valuable minutes or hours can be lost before the patient reaches the hospital by ambulance. Treatment should involve the use of several laxatives, activated charcoal, atropine, eventually pumping out of the stomach contents. 7 Hungarian, 10 Western references.

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SUMMARY

NOVATSKAYA, N. N., Cand Biol Sci -- (diss) "Improving the quality of Mulberry Leaves as Feed for the Mulberry Silkworm by the Use of Non-Root Feeding." Khar'kov, 1960, 20 pp (Ministry of Agric USSR; Khar'kov Order of Labor Red Banner Inst of Agric In V. V. Dokuchayev, Chair of Plant Physiology and Microbiology) 200 copies, free (KL, 21-60, 121)

NOVATSKAYA, T. A.
Optics

Dissertation: "The Role of Diffusion in the Chemicophotographic Processing of Emulsion Layers." Cand Tech Sci, Leningrad Inst of Cinema Engineers, Leningrad, 1953. (Referativnyy Zhurnal, Fizika, Moscow, Mar 54)

SO: SUM 213, 20 Sep 1954

BLYUMBERG, I.B.; MATISON, F.S.; NOVATSEAYA, T.A.

Investigating the washing process of black and white motion-picture
films. Trudy LIKI no.3:197-201 '55. (MLRA 9:8)

1. Kafedra obshchey fotografii i tekhnologii obrabotki kinofoto-
materialov.

(Cinematography--Films)

NOVATSKAYA, T. A.

Diffusion effects in the chemiophotographic processing of films. L. B. Givensberg, T. A. Novatskaya, and N. A. Obol'yasinova. *Uspekhi Nauch. Khim.* 4, 160-201 (1955). The rates of the wet processing of photographic films depends more on diffusion than on chem. steps. The thicker the emulsion deposited on the film, the closer the process kinetics resemble pure diffusion. The diffusion through the interface liquid layer influences the rates of reaction. Agitation will, therefore, increase the rates. The effect on diffusion of the interface layer decreases with increasing thickness of the emulsion deposit. R. S. L.

Photo

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BLYUMBERG, I.B.; NOVATSKAYA, T.A.

Certain calculations of processes in the photochemical treatment
of motion-picture films. Usp.nauch.fot.no.4:263-268 '55.(MLRA 9:4)
(Photography--Films)

NOVATSKAYA, T. A.

BLYUMBERG, I.B.; IVANOVA, V.G.; MATISON, F.S.; NOVATSKAYA, T.A.;
POCHIVALOV, N.S.

Unification of developers for black-and-white motion-picture
positives. Trudy LIKI no.4:170-175 '56. (MLRA 10:5)

1.Kafedra obshchey fotografii i tekhnologii obrabotki kinofoto-
materialov.

(Cinematography--Developing and developers)

BLYUMBERG, I.B.; NOVATSKAYA, T.A.; OBOL'YANINOVA, N.A.

Determining the coefficient of diffusion of electrolytes in
gelatin gels. Trudy LIKI no. 5:200-209 '59. (MIRA 13:12)

1. Kafedra obshchey fotografii i tekhnologii obrabotki plenki
Leningradskogo instituta kinoinzhenerov.
(Photographic emulsions) (Diffusion)

BLYUMBERG, I.B.; GUREVICH, S.G.; MATISON, F.S.; NOVATSKAYA, T.A.

More accurate norms for silver recovery. Trudy LIKI no. 5:210-
218 '59. (MIRA 13:12)

1. Kafedra obshchey fotografii i tekhnologii obrabotki plenki
Leningradskogo instituta kinoinzhenerov.
(Photography--Wastes, Recovery of) (Silver)

BLYUMBERG, I.B.; IVANOVA, V.G.; NOVATSKAYA, T.A.; NOVIKOVA, G.G.

Study of the processing of cinematographic films by jets. Zhur.
VKHO 5 no.4,473-474 '60. (MIRA 13:12)

1. Leningradskiy institut kinoinzhenerov.
(Motion-picture photography--Films)

NOVATSKIY, A.A., inzh.; OSTAPCHUK, V.G., inzh.

Using girder jigs in assembling precast reinforced concrete construction elements. Nov. tekhn. i pered. op. v stroi. 20 no.11:7-10
N '58. (MIRA 11:11)

(Precast concrete construction) (Jigs and fixtures)

KANYUKA, Nikolay Sergeyevich; KUCHER, Markus Grigor'yevich; NOVATSKIY,
Aleksandr Aleksandrovich; KOMENDANT, K.P., red.; ZELENKOVA,
~~Ye.Ye., tekhn. red.~~

[Selection and use of cranes for construction and assembly work]
Vybor i primeneniye stroitel'no-montazhnykh kranov. Kiev, Gos.
izd-vo lit-ry po stroit. i arkhitekt. USSR, 1961. 183 p.
(MIRA 15:3)

(Cranes, derricks, etc.)

KANYUKA, N., kand.tekhn.nauk; NOVATSKIY, A., inzh.

Universal smoothing and polishing instrument. Stroitel' no.6:14
Je '61. (MIRA 14:7)

(Pneumatic tools) (Grinding and polishing)

NOVATSKIY, A.; KRIKLIVYY, A.

How I. Markov's crew of painters work. Stroitel' 2 no.6:10-11
Je '62. (MIRA 15:7)

(Painting, Industrial)

NOVATSKIY, A.A., inzh.

New developments in the mechanization of plastering. Mekh.stroi.
19 no.7:19 J1 '62. (MIRA 15:7)
(Plastering—Equipment and supplies)

NOVATSKIY, Aleksandr Aleksandrovich; KOMENDANT, K.P., red.;
YEREMINA, I.A., tekhn. red.

[Mechanization of finishing work] Mekhanizatsiia otde-
lochnykh rabot. Kiev, Gosstroizdat UССР, 1963. 92 p.
(MIRA 17:1)

(Finishes and finishing)

BEZBANTNYY, N.I., inzh.; NOVATSKIY, A.A., inzh.

Mechanization of finishing work. Mekh. stroi. 20 no.10:15-16 O '63.
(MIRA 16:10)

FAZUKA, Nikolay Sergeyevich; NOVATSKIY, Aleksandr Aleksandrovich
MOSKALENKO, I.Ye., red.

[Manual for operators of tower cranes. Rukovodstvo
bushennogo krana. Izd.2., 1apr. i dop. Kiev, Budivelnnyk.
1965. 160 p. (MIRA 19:4)]

1. KQ4EL'KOV, V., NOVATSKIY, B.
2. USSR (600)
4. Lightning Conductors,
7. How to protect collective farm buildings from strokes of lightning. Sel'.stro1. 2
no.5 1947
9. Monthly List of Russian Accessions. Library of Congress. March 1953. Unclassified.

BOCHIN, V.P.; ZHEREBTSOVA, K.I.; ZOLOTAREV, V.S.; KOMAROV, V.A.;
KRASHOV, L.V.; LITVIN, V.F.; NEMILOV, Yu.A.;
NOVATSKIY, B.G.

Study of (d, p) stripping reactions and (d, d) elastic
scattering on nuclei of mean atomic weight. Part 2. Vest.
LGU 18 no.22:78-84 '63. (MIRA 17:1)

NOVATSKIY, G., kombayner.

Active trade-union workers are the main work support. Sov.profsoluzy
4 no.8:36-38 Ag '56. (MIRA 9:10)

1. Predsedatel' rabochego komiteta profsoyusa Panfilovskoy mashinno-
traktornoy stantsii.
(Panfilovo (Stalingrad Province)--Machine-tractor station)
(Trade unions)

ACC NR: AP7006923

SOURCE CODE: UR/0198/67/003/001/0003/0017

AUTHOR: Novatskiy, V. (Warsaw)

ORG: Polish Academy of Sciences (Pol'skaya akademiya nauk).

TITLE: Couple stresses in thermoelasticity

SOURCE: Prikladnaya mekhanika, v. 3, no. 1, 1967, 3-17

TOPIC TAGS: elasticity theory, thermoelasticity, couple stresses, asymmetrical thermoelasticity, coupled thermoelasticity, ~~coupled thermoelasticity problem, virtual work principle~~, reciprocity theorem, *IRREVERSIBLE PROCESS, UNIQUENESS THEOREM*

ABSTRACT: Thermoelasticity phenomena in media described by the independent vectors of displacements $\vec{U}$ and rotations $\vec{W}$ are discussed. The analysis of interaction among the fields of displacements $\vec{U}$, of rotations $\vec{W}$, and of temperatures θ is based on fundamentals of the theory of asymmetrical (coupled) thermoelasticity. Principles of the thermodynamics of irreversible processes are used in deriving a complete basic system of differential equations of the asymmetrical (coupled) thermoelasticity for an elastic homogeneous isotropic medium, as well as the equation of motion, and the extended heat-conductivity equation with boundary conditions. The phenomena of propagation of thermoelastic (expansion, rotation, and distortion) waves in an infinite medium are

Card 1/2

UDC: none